

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

What is claimed is:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Currently amended) A mechanically actuated airtight device for wafer carrier, comprising:

a cover, having a first face and a second face, and being formed with at least one hole therethrough;

at least one sealing gasket, being positioned above the hole of the cover, the sealing gasket having a base in a form of a wedged ramp, and the base having a through opening;

~~at least one~~ two linked plate-plates, each of the linked plates keeping a distance from one another and having a first face ~~[[and]]~~, a second face and a lug, the lug ~~second face~~ being provided with a protuberance on one side, and the first face of the linked plate being provided with at least one wedged ramp, and the wedged ramp of the first face of the linked plate having a slope equal to that of the wedged ramp of the base, such that the wedged ramp of the first face of the linked plate mates with the wedged ramp of the ~~second face of the linked plate~~ base on a lock state; [[and]]

a driving wheel, having a first face and a second face, the first face of the driving wheel being provided with stops and a first guiding groove, the first face of the driving wheel facing the second face of the linked plate, the second face of the driving wheel being provided with a second guiding groove, wherein the driving wheel abuts the lug of the linked plate such that the protuberance of the linked plate moves along the first guiding groove and

is limited by the stops to allow the protuberance of the linked plate move along the first guiding groove; and

a bottom having a first face and a second face, the first face of the bottom being located beneath the second face of the driving wheel, and the bottom being engaged with the cover, wherein a circular rail is provided on the first face of the bottom and moves along the second guiding groove on the second face of the driving wheel;

wherein the two linked plates only move rightward and leftward by rotating the driving wheel such that the wedged ramp of the base and the wedged ramp of the first face of the linked plate seal or release the through opening.

6. (Canceled)
7. (Currently amended) A mechanically actuated airtight device for wafer carrier as set forth in claim [[1]]5, wherein the sealing gasket has a first face on which a rim is formed.
8. (Currently amended) A mechanically actuated airtight device for wafer carrier as set forth in claim [[1]]5, wherein at least one of the wedged ramp of the first face of the linked plate and the wedged ramp of the ~~second face of the sealing gasket~~ base is made of elastomeric material.